

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An implant ~~Implant~~ (1) for the bone fixation
 - A) consisting of a combination of ~~the two materials~~ metal and plastic materials; and
 - B) at least one passage (2) running through the implant (1) with an axle (3) for receiving a bone fixation device;
~~characterised in that~~ wherein
 - C) the passage (2) is provided with a peripheral perimeter (4) that is made of a ~~different material that~~ is different than a material of the implant ~~material~~ (1) surrounding the perimeter (4); and
 - D) the peripheral ~~perimeters~~ perimeter (4) ~~are~~ is linked form-fittingly rigidly to the plastic material (7) of the implant.
2. (Currently Amended) ~~Implant~~ The implant (1) in accordance with claim 1, ~~characterised in that~~ wherein the perimeter (4) is ring-shaped or sleeve-shaped.

3. (Currently Amended) ~~Implant~~The implant (1) in accordance with claim 1, characterised in that wherein the perimeter (4) is ~~provided with~~ has a polygonal external form.

4. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1 to 3, characterised in that it~~ claim 1, wherein the implant is formed as a bone plate that is provided with a bottom side (5) and an upper side (6) suitable for the bone contact, wherein the passage (2) connects the upper side (6) to the bottom side (5).

5. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1 — 4, characterised in that~~ claim 1, wherein the perimeter (4) is made of one of a metal and or a metal alloy, and wherein ~~and that~~ the material surrounding the perimeter (4) is plastic.

6. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1 — 4, characterised in that~~ claim 1, wherein the perimeter (4) is made of a plastic and ~~that~~ wherein the material surrounding the perimeter (4) is ~~a~~ one of a metal or and a metal alloy.

7. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1 — 6, characterised in that~~ claim 1, wherein the plastic material is chosen from the Polyaryletherketone (PAEK)(PEEK) family.

8. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of~~
~~the claims 1—6~~, characterised in that claim 1, wherein PEEK is used as the plastic
material.

9. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of~~
~~the claims 1—8~~, characterised in that claim 1, wherein the plastic material is
reinforced with a reinforcing material selected from the group consisting of ;
preferably with carbon fibres/fibers and/or PEEK fibres/fibers.

10. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of~~
~~the claims 1—9~~, characterised in that claim 1, wherein the metal material is selected
from the group consisting of titanium, is a titanium alloy, and/or implant steel.

11. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of~~
~~the claims 1—10~~, characterised in that claim 1, wherein the elements of the implant
that are made of plastic are covered with a coating, said coating being selected from
the group consisting of titanium and/or a Hydroxylapatite layer.

12. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of~~
~~the claims 1—11~~, characterised in that claim 1, wherein the perimeter (4) is provided
with a sleeve-shaped extension (8) serving as a target aid for a the bone fixation
device.

13. (Currently Amended) ~~Implant~~The implant (1) in accordance with claim 12, ~~characterised in that~~wherein the extension (8) is formed on the perimeter (4) ~~and wherein and both~~ the extension and the perimeter are made of plastic.

14. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1—12, characterised in that~~ claim 1, wherein the perimeter (4) is made of a metal or a metal alloy and is set lowered in the plastic surrounding the perimeter (4), vis-à-vis the upper side (6).

15. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1—12, characterised in that~~ claim 1, wherein the perimeter (4) is made of a metal or a metal alloy and set raised in the plastic surrounding the perimeter (4), vis-à-vis the upper side (6).

16. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1—15, characterised in that~~ claim 1, wherein the a level containing or laid on the perimeter (4) has an angle in the range 0.1° to 20.0° to the plate level.

17. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1—15, characterised in that it is provided~~ claim 1, further comprising with at least two passages (2) running through the implant (1) with an axle (3) for receiving a the bone fixation device.

18. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—17, characterised in that~~ claim 17, wherein, at least two of the passages (2) running through the implant (1) are provided with a peripheral perimeter (4) that is made of a different material than the material of the implant (1) surrounding the perimeter (4).

19. (Currently Amended) ~~Implant~~ The implant in accordance with ~~one of the claims 1—18, characterised in that~~ claim 18, wherein the peripheral perimeters (4) are joined to each other in one piece by several passages (2) running through the implant (1).

20. (Currently Amended) ~~Implant~~ The implant in accordance with ~~one of the claims 1—19, characterised in that~~ claim 18, wherein several peripheral perimeters (4) are joined to each other in the form of a grid.

21. (Currently Amended) ~~Implant~~ The implant in accordance with ~~one of the claims 1—20, characterised in that it comprises~~ claim 18, further comprising at least one bone fixation device that can be inserted into the passages (2), and wherein the at least one bone fixation device is preferably a bone screw, which that is positioned in poly-axial direction in relation to the implant.

22. (Currently Amended) ~~Implant~~ The implant in accordance with ~~one of the claims 1—21, characterised in that it comprises~~ claim 18, further comprising at least one bone fixation device that can be inserted into the passages (2), and wherein the

at least one bone fixation device is preferably a bone screw, which that can be connected with the implant at a ~~with~~ stable angle.

23. (Canceled)